InSTEM Science Workshops
Synchronous in-class or online!

WHO ARE WE?
We are Aboriginal Access to Engineering, within the Faculty of Engineering and Applied Science at Queen’s University. We are a small group of Indigenous OCT Certified teachers who aim to teach and engage Indigenous students in STEM.

WHAT DO WE OFFER?
We offer two different types of Programming to meet the needs of your students and school:

Virtual Face-to-Face
- We lead virtual workshop
- 100 minutes of contact and learning time
- 30 minute reflection with assessment sheet

@Home Kits
- Written instructions included
- Students work on their own time

WHAT DO YOU GET?
- FREE Science workshops connected to curriculum
- Material Kits for each workshop
- Hands-on activities
- Assessment checklists for each workshop

BOOK YOUR WORKSHOP TODAY!
ALL MATERIALS PROVIDED AND SHIPPED AT NO COST TO SCHOOLS
Email us to book your workshop:
aboriginal.access.outreach@queensu.ca
HUMAN ORGAN SYSTEM
Don't Miss A Beat, You Take My Breath Away: Modelling Heart and Lungs

In this workshop, students will design, build and test a model of a collapsible lung and/or pumping heart.

PROPERTIES AND CHANGES IN MATTER
I've Got Gas: Making Chemical Change a Blast.

In this workshop, students will observe chemical change by trying to have a balloon expand without blowing air into it. Discussions and presentations about the different states of matter, key concepts, and their results will take place virtually.

CONSERVATION OF ENERGY AND RESOURCES
Let's Spring into Action

In this workshop, students will design and build a vehicle that uses spring energy to propel it. Students will describe and present how energy is stored and transformed in the vehicle.